

Title (en)

PRIORITIZING UDP OVER TCP TRAFFIC BY SLOWING DOWN THE TCP TRANSMISSION RATE

Title (de)

VERGEBEN VON PRIORITÄT AN UDP- GEGENÜBER TCP-VERKEHR DURCH VERLANGSAMUNG DER TCP-ÜBERTRAGUNGSRATE

Title (fr)

PRIORITE AU PROTOCOLE DE DATAGRAMME D'UTILISATEUR PAR RAPPORT AU TRAFIC DE PROTOCOLE DE CONTROLE DE TRANSMISSION PAR RALENTISSEMENT DU DEBIT DE TRANSMISSION DU PROTOCOLE DE CONTROLE DE TRANSMISSION

Publication

EP 1687940 B1 20130109 (EN)

Application

EP 04794340 A 20041006

Priority

- US 2004032954 W 20041006
- US 51020003 P 20031010

Abstract (en)

[origin: WO2005039117A1] A method for controlling bandwidth allocation of first and second data packet types (e.g. TCP traffic, real time traffic, VOIP traffic) in a single rate network by determining, by a device, a throughput rate of the first data packet type (e.g. TCP traffic, non-real time traffic,...) in the network and reducing, by the device, the throughput rate of the first data packet type when the throughput rate reaches a predetermined level is described. A method for controlling bandwidth allocation of each of a plurality of data packet categories in a multi-rate network by determining, by a device, a throughput rate of one of a plurality of data packet categories/classes (the jth data packet category) and reducing the throughput rate of the jth data packet category when the throughput rate reaches a predetermined level, wherein a maximum bit rate of a data packet category is based on a distance between members of the data packet category and the device and wherein said jth data packet category transmits TCP packets, is described. In a particular embodiment, transmission control of the rate is carried out depending on the distance from the device user to the device (e.g. an Access point of a WLAN).

IPC 8 full level

H04W 28/10 (2009.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP KR US)

H04L 47/10 (2013.01 - US); **H04L 47/193** (2013.01 - EP US); **H04L 47/196** (2013.01 - EP US); **H04L 47/2408** (2013.01 - EP US); **H04L 47/2433** (2013.01 - EP US); **H04L 47/25** (2013.01 - EP KR US); **H04L 47/263** (2013.01 - EP US); **H04L 47/29** (2013.01 - EP US); **H04L 47/323** (2013.01 - EP US); **H04L 65/1101** (2022.05 - US); **H04L 65/80** (2013.01 - EP US); **H04L 69/16** (2013.01 - EP US); **H04L 69/163** (2013.01 - EP US); **H04L 69/164** (2013.01 - EP US); **H04W 8/04** (2013.01 - US); **H04W 28/02** (2013.01 - EP); **H04W 28/10** (2013.01 - EP KR US); **H04W 72/52** (2023.01 - EP US); **H04W 28/20** (2013.01 - EP US); **H04W 28/22** (2013.01 - EP US); **H04W 72/543** (2023.01 - EP US); **H04W 84/12** (2013.01 - EP US)

Citation (examination)

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US9060285B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2005039117 A1 20050428; CN 100550796 C 20091014; CN 1864370 A 20061115; EP 1687940 A1 20060809; EP 1687940 B1 20130109; JP 2007508746 A 20070405; JP 4721286 B2 20110713; KR 101119784 B1 20120418; KR 20060135625 A 20061229; US 2007030819 A1 20070208

DOCDB simple family (application)

US 2004032954 W 20041006; CN 200480029570 A 20041006; EP 04794340 A 20041006; JP 2006534298 A 20041006; KR 20067006764 A 20041006; US 57384206 A 20060329